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(71) Applicant (for all designated States except US): **MERCK PATENT GMBH** [DE/DE]; Frankfurter Strasse 250, 64293 Darmstadt (DE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **ENTENMANN, Marc** [DE/DE]; Am Sandgraben 13, 70734 Fellbach (DE).  
**HUBER, Adalbert** [DE/DE]; Bonnhoeferstrasse 9, 64625 Bensheim (DE).

(74) Common Representative **MERCK PATENT GMBH**;  
Frankfurter Strasse 250, 64293 Darmstadt (DE).

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(54) Title: SURFACE-MODIFIED PARTICLES

(57) Abstract: The present invention relates to substrates which have been surface-modified by means of colorants and are distinguished by the fact that they are encased with one or more layers of immobilised LCST and/or UCST polymers. The invention furthermore relates to a process for the preparation of the surface-modified substrates and to the use thereof in surface coatings, water-borne coatings, powder coatings, paints, printing inks, security printing inks, plastics, concrete, in cosmetic formulations, in agricultural sheeting and tarpaulins, for the laser marking of papers and plastics, for laser welding, as light protection, as pigment for corrosion protection and for the preparation of pigment compositions and dry preparations.